

AUTHOR INDEX

Abas Mazni, O., Valdez, C.A., Takahashi, Y., Hishinuma, M. and Kanagawa, H. (Sapporo, Japan)
 Quick freezing of mouse embryos using ethylene glycol with lactose or sucrose 161

Adeyemo, O., Oyejide, A. and Agbedana, O. (Ibadan, Nigeria)
 Plasma testosterone in *Trypanosoma congolense*- and *Trypanosoma brucei*-infected West African dwarf rams 21

Agbedana, O., *see* Adeyemo, O. et al.

Ainsworth, L., *see* Karalus, U. et al.

Aizinbud, E., *see* Ezov, N. et al.

Al-Jarrah, L.H., *see* Azawi, O.I. et al.

Almond, G.W. (Raleigh, NC, U.S.A.) and Dial, G.D. (St. Paul, MN, U.S.A.)
 Sensitivity of the hypothalamo-hypophyseal axis to the positive feedback effects of estrogen in ovariectomized anestrous and diestrous sows 243

Anderson, L.L., *see* Juang, H.H. et al., pp. 47, 253

Asher, G.W. (Hamilton, New Zealand)
 Effect of subcutaneous melatonin implants on the seasonal attainment of puberty in female red deer (*Cervus elaphus*) 145

Azawi, O.I., Znad, M.M. and Al-Jarrah, L.H. (Mosul, Iraq)
 The correlation between the viability of bovine spermatozoa preserved at ambient temperature and the activity of transferases 319

Ball, K., *see* Henderson, K.M. et al.

Bariteau, F., *see* Martinat-Botté, F. et al.; Signoret, J.P. et al.

Barrett, J. and Watthes, D.C. (Bristol, Great Britain)
 The effect of oxytocin on progesterone secretion and of PGF_{2α} on oxytocin secretion from bovine luteal and granulosa cells in culture 297

Basrur, P.K., *see* Dominguez, M.M. et al.

Bell, L.A., Gimenez, T., Diehl, J.R. (Clemson, SC, U.S.A.) and Chakraborty, P.K. (Bethesda, MD, U.S.A.)
 Prostaglandin E₂ and progesterone during the estrous cycle of the pig 325

Bikker, P., *see* Kemp, B. et al.

Bonet, S. (Girona, Spain)
 Immature and aberrant spermatozoa in the ejaculate of *Sus domesticus* 67

Broadhurst, L., *see* D'Occhio, M.J. et al.

Chakraborti, R., *see* Jagannatha Rao, A. and Chakraborti, R.

Chakraborty, P.K., *see* Bell, L.A. et al.; Dutta, C. et al.

Chan, J.S.D., *see* Nie, Z.-R. and Chan, J.S.D.

Ciereszko, R., *see* Kotwica, G. et al.

Claus, R., Over, R. and Dehnhard, M. (Stuttgart, Federal Republic of Germany)
 Effect of male odour on LH secretion and the induction of ovulation in seasonally anoestrous goats 27

Croy, B.A., *see* Dominguez, M.M. et al.

Cunningham, J.M., *see* Pope, G.S. et al.

D'Occhio, M.J., Neish, A. and Broadhurst, L. (Rockhampton Mail Centre, Qld., Australia)
 Differences in gonadotrophin secretion post partum between Zebu and European breed cattle 311

Dehnhard, M., <i>see</i> Claus, R. et al.	
Dial, G.D., <i>see</i> Almond, G.W. and Dial, G.D.	
Diehl, J.R., <i>see</i> Bell, L.A. et al.	
Dobson, H., <i>see</i> Nanda, A.S. et al.	
Dodson, S.E. (Loughborough, Great Britain), McLeod, B.J. (Maidenhead, Great Britain), Lamming, G.E. and Peters, A.R. (Loughborough, Great Britain)	
Ovulatory responses to continuous administration of GnRH in nine-month-old prepubertal beef heifers	271
Domínguez, M.M., Liptrap, R.M., Croy, B.A. and Basrur, P.K. (Guelph, Ont., Canada)	
Hormonal correlates of ovarian alterations in bovine freemartin fetuses	181
Downey, B.R., <i>see</i> Karalus, U. et al.	
Dusza, L., <i>see</i> Kotwica, G. et al.	
Dutta, C., Stuart, L.D. and Chakraborty, P.K. (Bethesda, MD, U.S.A.)	
Characterization of cystic endometrial hyperplasia (CEH) in swine leukocyte antigen (SLA) miniature swine: serum hormone and endometrial estrogen receptor concentrations	99
Ellen, R.L., <i>see</i> Henderson, K.M. et al.	
Eltohamy, M.M. (Cairo, Egypt), Zakaria, A.D. (Alexandria, Egypt) and Taha, N.A. (Cairo, Egypt)	
Changes in the contents of buffalo cervical mucus during different phases of the oestrous cycle	203
Ezov, N., Maltz, E. (Bet Dagan, Israel), Yarom, R. (Jerusalem, Israel), Lewis, G.S. (Blacksburg, VA, U.S.A.), Schindler, D., Ron, M., Aizinbud, E. and Lehrer, A.R. (Bet Dagan, Israel)	
Cell density, fluid volume and electrolyte content of bovine vulvar tissue during oestrus and dioestrus	281
Forgerit, Y., <i>see</i> Martinat-Botté, F. et al.; Signoret, J.P. et al.	
Gimenez, T., <i>see</i> Bell, L.A. et al.	
Ginther, O.J., <i>see</i> Pierson, R.A. and Ginther, O.J.	
Grooten, H.J.G., <i>see</i> Kemp, B. et al.	
Hashimoto, I., <i>see</i> Ishibashi, I. et al.	
Henderson, K.M., Ellen, R.L., Weaver, A., Ball, K. and McNatty, K.P. (Upper Hutt, New Zealand)	
Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates in Romney ewes	121
Hishinuma, M., <i>see</i> Abas Mazni, O. et al.	
Ishibashi, I., Hashimoto, I., Suzuki, S. and Kosaka, M. (Towada City, Japan)	
Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats	339
Jagannadha Rao, A. and Chakraborty, R. (Bangalore, India)	
Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17 β and progesterone during early pregnancy in the south Indian bonnet monkey (<i>Macaca radiata</i>)	261
Janmaat, J., <i>see</i> Kemp, B. et al.	
Jenkins, N., <i>see</i> Pope, G.S. et al.	
Juang, H.H., Musah, A.I. and Anderson, L.L. (Ames, IA, U.S.A.)	
Ethylenediaminetetraacetic acid (EDTA) and caffeine are antagonistic to antirelaxin serum inhibition of porcine sperm motility	253
Juang, H.H., Musah, A.I. (Ames, IA, U.S.A.), Schwabe, C. (Charleston, SC, U.S.A.) and Anderson, L.L. (Ames, IA, U.S.A.)	
Immunoactive relaxin in boar seminal plasma and its correlation with sperm motility	47

Kanagawa, H., <i>see</i> Abas Mazni, O. et al.	
Karalus, U., Downey, B.R. (Ste Anne de Bellevue, Que., Canada) and Ainsworth, L. (Ottawa, Ont., Canada)	
Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG	235
Kemp, B., Vervoort, F.P., Bikker, P., Janmaat, J., Verstegen, M.W.A. (Wageningen, The Netherlands) and Grootenhuis, H.J.G. (Helden, The Netherlands)	
Semen collection frequency and the energy metabolism of A.I. boars	87
Kosaka, M., <i>see</i> Ishibashi, I. et al.	
Kotwica, G., Dusza, L., Ciereszko, R., Okrasa, S. (Olsztyn, Poland) and Schams, D. (Freising-Weihenstephan, Federal Republic of Germany)	
Oxytocin plasma levels during spontaneous and cloprostol-induced luteolysis in sows ..	109
Lamming, G.E., <i>see</i> Dodson, S.E. et al.	
Lehrer, A.R., <i>see</i> Ezov, N. et al.	
Lewis, G.S., <i>see</i> Ezov, N. et al.	
Liptrap, R.M., <i>see</i> Dominguez, M.M. et al.	
Macar, C., <i>see</i> Martinat-Botté, F. et al.; Signoret, J.P. et al.	
Mah, J., <i>see</i> Okrasa, S. et al.	
Maltz, E., <i>see</i> Ezov, N. et al.	
Martinat-Botté, F. (Monnaie, France), Bariteau, F., Forgerit, Y. (Rouille, France), Macar, C., Moreau, A. (Paris, France), Terqui, M. and Signoret, J. (Monnaie, France)	
Control of oestrus in gilts. II. Synchronization of oestrus with a progestagen, Altrenogest (Regumate): effect on fertility and litter size	227
Martinat-Botté, F., <i>see also</i> Signoret, J.P. et al.	
Maurya, R.B. and Pant, H.C. (Mathura, India)	
Buffalo fetal cotyledons contain certain factors that suppress compensatory ovarian hypertrophy in mice	1
McLeod, B.J., <i>see</i> Dodson, S.E. et al.	
McNatty, K.P., <i>see</i> Henderson, K.M. et al.	
Moreau, A., <i>see</i> Martinat-Botté, F. et al.; Signoret, J.P. et al.	
Musah, A.I., <i>see</i> Juang, H.H. et al., pp. 47, 253	
Nanda, A.S., Ward, W.R. and Dobson, H. (Neston, Great Britain)	
Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows	289
Neish, A., <i>see</i> D'Occio, M.J. et al.	
Nie, Z.-R. and Chan, J.S.D. (Montreal, Que., Canada)	
Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report	213
Okrasa, S., Weigl, R., Mah, J. and Tilton, J. (Fargo, ND, U.S.A.)	
Concentrations of prolactin, LH and FSH after naloxone administration in follicular phase gilts	39
Okrasa, S., <i>see also</i> Kotwica, G. et al.	
Over, R., <i>see</i> Claus, R. et al.	
Oyejide, A., <i>see</i> Adeyemo, O. et al.	
Pandey, S.C. and Pandey, S.D. (Kanpur, India)	
Seasonal patterns in the pheromonal regulation of oestrous cyclicity in wild mice, <i>Mus musculus domesticus</i>	349

Pandey, S.D., <i>see</i> Pandey, S.C. and Pandey, S.D.	
Pant, H.C., <i>see</i> Maurya, R.B. and Pant, H.C.	
Peters, A.R., <i>see</i> Dodson, S.E. et al.	
Pierson, R.A. and Ginther, O.J. (Madison, WI, U.S.A.)	
Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development	131
Pope, G.S. (Reading, Great Britain), Cunningham, J.M., Jenkins, N., Waites, G.M.H. and Watts, G.E. (Maidenhead, Great Britain)	
Oestradiol-17 β in testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs and in jugular venous plasma of castrated prepubertal lambs	9
Rajamahendran, R. and Taylor, C. (Vancouver, B.C., Canada)	
Characterization of ovarian activity in postpartum dairy cows using ultrasound imaging and progesterone profiles	171
Ron, M., <i>see</i> Ezov, N. et al.	
Schams, D., <i>see</i> Kotwica, G. et al.	
Schindler, D., <i>see</i> Ezov, N. et al.	
Schwabe, C., <i>see</i> Juang, H.H. et al., p. 47	
Sidhu, K.S. (St. Louis, MO, U.S.A.)	
Boar sperm aminopeptidase: purification and partial characterization	55
Signoret, J.P., Martinat-Botté, F. (Monnaie, France), Bariteau, F., Forgerit, Y. (Rouille, France), Macar, C., Moreau, A. (Paris, France) and Terqui, M. (Monnaie, France)	
Control of oestrus in gilts. I. Management-induced puberty	221
Signoret, J., <i>see also</i> Martinat-Botté, F. et al.	
Stuart, L.D., <i>see</i> Dutta, C. et al.	
Suzuki, S., <i>see</i> Ishibashi, I. et al.	
Taha, N.A., <i>see</i> Eltohamy, M.M. et al.	
Takahashi, Y., <i>see</i> Abas Mazni, O. et al.	
Taylor, C., <i>see</i> Rajamahendran, R. and Taylor, C.	
Terqui, M., <i>see</i> Martinat-Botté, F. et al.; Signoret, J.P. et al.	
Tilton, J., <i>see</i> Okrasa, S. et al.	
Valdez, C.A., <i>see</i> Abas Mazni, O. et al.	
Verstegen, M.W.A., <i>see</i> Kemp, B. et al.	
Vervoort, F.P., <i>see</i> Kemp, B. et al.	
Waites, G.M.H., <i>see</i> Pope, G.S. et al.	
Ward, W.R., <i>see</i> Nanda, A.S. et al.	
Wathes, D.C., <i>see</i> Barrett, J. and Wathes, D.C.	
Watts, G.E., <i>see</i> Pope, G.S. et al.	
Weaver, A., <i>see</i> Henderson, K.M. et al.	
Weigl, R., <i>see</i> Okrasa, S. et al.	
Yarom, R., <i>see</i> Ezov, N. et al.	
Zakaria, A.D., <i>see</i> Eltohamy, M.M. et al.	
Znad, M.M., <i>see</i> Azawi, O.I. et al.	

SUBJECT INDEX

Aminoglutethimide phosphate	
Effects on embryonic development and implantation and on steroid hormone levels in superovulated rats	339
Buffalo	
Changes in the contents of cervical mucus during different phases of the oestrous cycle ...	203
Cattle	
Characterization of ovarian activity in postpartum dairy cows using ultrasound imaging and progesterone profiles	171
Hormonal correlates of ovarian alterations in freemartin fetuses	181
Ovulatory responses to continuous administration of GnRH in nine-month-old prepubertal beef heifers	271
Cell density, fluid volume and electrolyte content of vulvar tissue during oestrus and dioestrus	281
Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows	289
Differences in gonadotrophin secretion post partum between Zebu and European breeds ..	311
Correlation between the viability of spermatozoa preserved at ambient temperature and the activity of transferases	319
Cervical mucus	
Changes in the contents during different phases of the buffalo oestrous cycle	203
Cloprostenol	
Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows ..	109
Corpus luteum	
Effect of oxytocin on progesterone secretion and of PGF _{2α} on oxytocin secretion from bovine luteal and granulosa cells in culture	297
Cystic endometrial hyperplasia	
Characterization in swine leukocyte antigen (SLA) miniature swine: serum hormone and endometrial estrogen receptor concentrations	99
Embryo preservation	
Quick freezing of mouse embryos using ethylene glycol with lactose or sucrose	161
Embryology	
Hormonal correlates of ovarian alterations in bovine freemartin fetuses	181
Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report	213
Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats	339
Fetal cotyledons	
Buffalo; contain certain factors that suppress compensatory ovarian hypertrophy in mice	1
Follicle	
Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development	131
Follicular fluid	
Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates in Romney ewes	121
FSH	
Concentrations after naloxone administration in follicular-phase gilts	39

GnRH agonist	
Effect of acute and chronic administration of Buserelin on serum chorionic gonadotropin, oestradiol-17 β and progesterone during early pregnancy in <i>Macaca radiata</i>	261
GnRH	
Ovulatory responses to continuous administration in nine-month-old prepubertal beef heifers	271
Goat	
Effect of male odour on LH secretion and the induction of ovulation in seasonally anoestrous goats	27
Gonadotrophins	
Differences in secretion post partum between Zebu and European breed cattle	311
Granulosa cells	
Effect of oxytocin on progesterone secretion and of PGF _{2α} on oxytocin secretion from bovine luteal and granulosa cells in culture	297
Growth hormone	
Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report	213
hCG	
Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG	235
Horse	
Ovarian follicular response to an equine pituitary extract after suppression of follicular development	131
Immunology	
Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates in Romney ewes	121
Implantation	
Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats	339
Lactogen	
Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report	213
LH	
Effect of male odour on LH secretion and the induction of ovulation in seasonally anoestrous goats	27
Concentrations after naloxone administration in follicular-phase gilts	39
Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of LH in dairy cows	289
Luteolysis	
Oxytocin plasma levels during spontaneous and cloprostetol-induced luteolysis in sows ..	109
Male-female interactions	
Effect of male odour on LH secretion and the induction of ovulation in seasonally anoestrous goats	27
Melatonin	
Effect of subcutaneous implants on the seasonal attainment of puberty in female <i>Cervus elaphus</i>	145

Monkey	
Effect of acute and chronic administration of gonadotrophin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17 β and progesterone during early pregnancy in <i>Macaca radiata</i>	261
Morphine	
Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows	289
Mouse	
Quick freezing of embryos using ethylene glycol with lactose or sucrose	161
Seasonal patterns in the pheromonal regulation of oestrous cyclicity in <i>Mus musculus domesticus</i>	349
Naloxone	
Concentrations of prolactin, LH and FSH after naloxone administration in follicular phase gilts	39
Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows	289
Oestradiol	
Naloxone antagonizes the morphine suppression of the oestradiol-induced surge of luteinising hormone in dairy cows	289
Oestradiol-17β	
In testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs and in jugular venous plasma of castrated prepubertal lambs	9
Sensitivity of the hypothalamo-hypophyseal axis to the positive feedback effects of estrogen in ovariectomized anestrous and diestrous sows	243
Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17 β and progesterone during early pregnancy in <i>Macaca radiata</i>	261
Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats	339
Oestrogen receptors	
Characterization of cystic endometrial hyperplasia in swine leukocyte antigen miniature swine: serum hormone and endometrial estrogen receptor concentrations	99
Oestrous cycle	
Changes in the contents of buffalo cervical mucus during different phases of the cycle	203
Cell density, fluid volume and electrolyte content of bovine vulvar tissue during oestrus and dioestrus	281
Prostaglandin E ₂ and progesterone during the cycle of the pig	325
Seasonal patterns in the pheromonal regulation of cyclicity in <i>Mus musculus domesticus</i>	349
Oestrus	
Control of oestrus in gilts	
I. Management-induced puberty	221
II. Synchronization of oestrus with a progestagen, Altrenogest (Regumate): effect on fertility and litter size	227
Ovary	
Buffalo fetal cotyledons contain certain factors that suppress compensatory ovarian hypertrophy in mice	1
Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development	131
Characterization of ovarian activity in postpartum dairy cows using ultrasound imaging and progesterone profiles	171

Ovulation	
Effect of male odour on LH secretion and the induction of ovulation in seasonally anae	27
Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates in Romney ewes	121
Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG	235
Ovulatory responses to continuous administration of GnRH in nine-month-old prepubertal beef heifers	271
Oxytocin	
Plasma levels during spontaneous and cloprostenol-induced luteolysis in sows	109
Effect on progesterone secretion and effect of PGF _{2α} on oxytocin secretion from bovine luteal and granulosa cells in culture	297
PGF _{2α}	
Effect on oxytocin secretion from bovine luteal and granulosa cells in culture	297
Pheromones	
Seasonal patterns in pheromonal regulation of oestrous cyclicity in <i>Mus musculus domesticus</i>	349
Pig	
Concentrations of prolactin, LH and FSH after naloxone administration in follicular phase gilts	39
Immunoactive relaxin in boar seminal plasma and its correlation with sperm motility	47
Boar sperm aminopeptidase: purification and partial characterization	55
Immature and aberrant spermatozoa in the ejaculate of <i>Sus domesticus</i>	67
Semen collection frequency and the energy metabolism of A.I. boars	87
Characterization of cystic endometrial hyperplasia in swine leukocyte antigen miniature swine: serum hormone and endometrial estrogen receptor concentrations	99
Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows	109
Control of oestrus in gilts	
I. Management-induced puberty	221
II. Synchronization of oestrus with a progestagen, Altrenogest (Regumate): effect on fertility and litter size	227
Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG	235
Sensitivity of the hypothalamo-hypophyseal axis to the positive feedback effects of estrogen in ovariectomized anestrous and diestrous sows	243
EDTA and caffeine are antagonistic to antirelaxin serum inhibition of sperm motility	253
Prostaglandin E ₂ and progesterone during the estrous cycle	325
Pituitary	
Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows	109
Ovarian follicular response of mares to an equine pituitary extract after suppression of follicular development	131
Placenta	
Concomitant measurement of ovine placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report	213
PMSG	
Maintenance of ovulatory cycles and pregnancy in prepubertal gilts treated with PMSG and hCG	235

Pregnancy	
Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17 β and progesterone during early pregnancy in <i>Macaca radiata</i>	261
Progestagens, general	
Control of oestrus in gilts. II. Synchronization of oestrus with a progestagen, Altrenogest (Regumate): effect on fertility and litter size	227
Progesterone	
Characterization of cystic endometrial hyperplasia in swine leukocyte antigen miniature swine: serum hormone and endometrial estrogen receptor concentrations	99
Characterization of ovarian activity in postpartum dairy cows using ultrasound imaging and progesterone profiles	171
Effect of acute and chronic administration of gonadotropin releasing hormone agonist, Buserelin, on serum chorionic gonadotropin, oestradiol-17 β and progesterone during early pregnancy in <i>Macaca radiata</i>	261
Effect of oxytocin on progesterone secretion and of PGF _{2α} on oxytocin secretion from bovine luteal and granulosa cells in culture	297
Prostaglandin E ₂ and progesterone during the estrous cycle of the pig	325
Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats	339
Prolactin	
Concentrations after naloxone administration in follicular-phase gilts	39
Prostaglandins	
Oxytocin plasma levels during spontaneous and cloprostenol-induced luteolysis in sows ..	109
Prostaglandin E ₂ and progesterone during the estrous cycle of the pig	325
Puberty	
Effect of subcutaneous melatonin implants on the seasonal attainment of puberty in female <i>Cervus elaphus</i>	145
Control of oestrus in gilts. I. Management-induced puberty	221
Rat	
Effects of aminoglutethimide phosphate administration on embryonic development and implantation and on steroid hormone levels in superovulated rats	339
Red deer	
Effect of subcutaneous melatonin implants on the seasonal attainment of puberty in females	145
Relaxin	
Immunoactive relaxin in boar seminal plasma and its correlation with sperm motility	47
EDTA and caffeine are antagonistic to antirelaxin serum inhibition of porcine sperm motility	253
Seasonal patterns	
In the pheromonal regulation of oestrous cyclicity in <i>Mus musculus domesticus</i>	349
Semen collection	
Frequency, and the energy metabolism of A.I. boars	87
Sheep	
Oestradiol-17 β in testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs and in jugular venous plasma of castrated prepubertal lambs	9
Plasma testosterone in <i>Trypanosoma congolense</i> - and <i>Trypanosoma brucei</i> -infected West African dwarf rams	21
Relative effectiveness of active immunization with follicular fluid and/or steroids in increasing ovulation rates in Romney ewes	121

Concomitant measurement of placental lactogen, pituitary growth hormone and prolactin in maternal and fetal plasma of a pregnant ewe carrying an anencephalic fetus: a case report	213
Sperm biochemistry	
Boar sperm aminopeptidase: purification and partial characterization	55
Sperm motility	
Immunoactive relaxin in boar seminal plasma and its correlation with sperm motility	47
EDTA and caffeine are antagonistic to antirelaxin serum inhibition of porcine sperm motility	253
Sperm quality	
Immature and aberrant spermatozoa in the ejaculate of <i>Sus domesticus</i>	67
Spermatozoa	
Correlation between the viability of bovine spermatozoa preserved at ambient temperature and the activity of transferases	319
Testis	
Oestradiol-17 β in testis and jugular venous plasma of intact and hemi-castrated prepubertal lambs	9
Testosterone	
Plasma levels in <i>Trypanosoma congolense</i> - and <i>Trypanosoma brucei</i> -infected West African dwarf rams	21
Transferase	
Correlation between the viability of bovine spermatozoa preserved at ambient temperature and the activity of transferases	319
<i>Trypanosoma</i> spp.	
Plasma testosterone in <i>T. congolense</i> - and <i>T. brucei</i> -infected West African dwarf rams ...	21
Ultrasonography	
Characterization of ovarian activity in postpartum dairy cows using ultrasound imaging and progesterone profiles	171
Vulvar tissue	
Cell density, fluid volume and electrolyte content of bovine vulvar tissue during oestrus and dioestrus	281

